

Shaik, Amzad

From: Barrington, John
Sent: Saturday, March 16, 2019 08:57
To: Shaik, Amzad; Snorek, Gary
Cc: Wolfe, Kirby; Watts, John; Ayres, Joshua
Subject: Re: RQ-2019-03-11-06 SAMPLE CONTAINERS

Mistake. 0 W-F bottles sent to lab.

John

From: Shaik, Amzad
Sent: Friday, March 15, 2019 2:14:26 PM
To: Barrington, John; Snorek, Gary
Cc: Wolfe, Kirby; Watts, John; Ayres, Joshua
Subject: RQ-2019-03-11-06 SAMPLE CONTAINERS

Samples received for RQ-2019-03-11-06 on the submittal form indicated W-F sample containers group-B (8) shipped to the lab no sample containers received.
Please check the attached file.

Thanks.

Amzad Shaik
FLORIDA DEP LABS
Scientific Support Section
Office: 850-245-8081
Direct: 58081
Amzad.shaik@dep.state.fl.us

Log-in Checklist

RQ- **2019 - 03-11-06**

Login Station ID: **# 3**

Shipping Method: **FedEx** | UPS | HD | Greyhound

Date/Time of Receipt: **03/15/2019 / 09:55**

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO ₃	Formalin		Yes	No	Yes	No	
1.6c			23		X			
1.9c			25		X			
2.7c			23		X			
3.4c			21		X			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

Chain of Custody/ Field Sheet(s) Included? Yes **X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No **X** Date

CONTAINER CHECK

Evidence Tape on Bottles? Yes No **X If yes, is it intact? Yes No

Caps on tight? Yes **X No **Containers intact? Yes **X** No

Sufficient Sample Volume: Yes **X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No **X** Init: **ABS**

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

Acid Preserved Samples: pH ≤ 2.0? Yes **X No NA Init: **ABS**

W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No **X NA **X** Init: **ABS**

Coolers Unpacked/Checked by: **ABS** Date: **03/15/2019** NCRs (Y/N)?

Event ID: **CALOOSA LT**
SO-DIST-2019-03-15-02 (BMAP) NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261EXP:2021/07

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

CALOOSA LT

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By:

JOHN BARRINGTON

Project ID: BMAP

Collected By:

GARY SALOREK

Sampling Agency:

FDEP SOLVE 8052

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 1000	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
WIN ID	G3SD0108 	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 6.58	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Location	PUNTA BLANCA 	Temp (C) 23.97	pH 7.85	Sample Depth 0.3	Sp. Conductance (umho/cm) 30550	
☐ dms		☐ dd Salinity (ppt) 19.01	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 1025	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN ID	G3SD0109 	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 5.60	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Location	USGS SHELL POINT 	Temp (C) 24.25	pH 7.94	Sample Depth 0.3	Sp. Conductance (umho/cm) 41654	
☐ dms		☐ dd Salinity (ppt) 26.97	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 1045	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN ID	G3SD0110 	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 7.69	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Location	MARKER 76 	Temp (C) 24.12	pH 7.93	Sample Depth 0.3	Sp. Conductance (umho/cm) 19762	
☐ dms		☐ dd Salinity (ppt) 11.77	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 1115	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN ID	G3SD0111 	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 9.30	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Location	MARKER 52 	Temp (C) 24.17	pH 8.06	Sample Depth 0.3	Sp. Conductance (umho/cm) 7131	
☐ dms		☐ dd Salinity (ppt) 3.91	Comments			

Relinquished By: JOHN BARRINGTON	Date/Time 3/14/19 1515	Shipping Method FEDX	Number of Coolers Shipped: 4	Received By: ABP	Date/Time 3-15-19/9:55
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Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY W-F					
Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
BOD-UNIN					
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
FCOLI-MF					
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	4
W-DOC					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab	4
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			SA 8197090 NA 8197080		
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4
W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
BOD-UNIN					
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
FCOLI-MF					
Group: B	Bottle Type: P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	8
W-DOC					
Group: B	Bottle Type: P-250ML	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
W-F					
Group: B	Bottle Type: P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab	8

CALOOSA LT

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: John Barrington

Project ID: BMAP

Collected By: Gary Surok

Sampling Agency: FDEP SURVE 8052

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 11:40	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
WIN ID G3SD0112	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 4.76	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Location MARKER 38	Temp (C) 24.49	pH 7.86	Sample Depth 0.3	Sp. Conductance (umho/cm) 5237	
☐ dms	☐ dd ☐ dms	Salinity (ppt) 2.82	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 11:50	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN ID G3SD0113	Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 8.51	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Location MARKER 28	Temp (C) 24.74	pH 7.76	Sample Depth 0.3	Sp. Conductance (umho/cm) 3091	
☐ dms	☐ dd ☐ dms	Salinity (ppt) 1.61	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 12:05	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN ID G3SD0114	Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 8.09	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Location MARKER 22	Temp (C) 24.67	pH 7.64	Sample Depth 0.3	Sp. Conductance (umho/cm) 1874	
☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.94	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/14/19 Time 12:20	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN ID G3SD0115	Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.48	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Location OLD SWING BRIDGE	Temp (C) 24.97	pH 7.59	Sample Depth 0.3	Sp. Conductance (umho/cm) 1009	
☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.51	Comments		

Relinquished By: John Barrington	Date/Time 3/14/19 1515	Shipping Method FedEx	Number of Coolers Shipped: 9	Received By: ABP	Date/Time 3-15-19/9:55
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W-F sample containers not received.
ABP 3-15-19

Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
ALKALINITY W-F				
Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
BOD-UNIN				
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
FCOLI-MF				
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab
W-DOC				
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS				
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F				
Group: B	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
BOD-UNIN				
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
FCOLI-MF				
Group: B	Bottle Type: P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab
W-DOC				
Group: B	Bottle Type: P-250ML	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
W-F				
Group: B	Bottle Type: P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By:

Field Report Prepared By:

Sampling Agency:

Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
		☐ Comp	Date	Time		Date		Time	
WIN ID		☒ Grab		Date 3/14/19		Time 1235		Eastern Central	
Location		Date 3/14/19		Time 1235		Date		Time	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine (mg/L)	
WIN		Temp (C)		pH		☐ % sat		Sp. Conductance (umho/cm)	
Latitude		Salinity (ppt)		Comments		☐ ft		Sample Depth	
Longitude		☐ dd		☐ dms		☒ m		6.73	
WIN ID		G3SD0116		ORANGE RIVER		6.73		6.06	
Location		G3SD0116		ORANGE RIVER		6.06		6.06	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine (mg/L)	
WIN		Temp (C)		pH		☐ % sat		Sp. Conductance (umho/cm)	
Latitude		Salinity (ppt)		Comments		☐ ft		Sample Depth	
Longitude		☐ dd		☐ dms		☒ m		0.3	
WIN ID		G3SD0117		POWER PLANT		7.91		573	
Location		G3SD0117		POWER PLANT		573		573	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine (mg/L)	
WIN		Temp (C)		pH		☐ % sat		Sp. Conductance (umho/cm)	
Latitude		Salinity (ppt)		Comments		☐ ft		Sample Depth	
Longitude		☐ dd		☐ dms		☒ m		0.25	
WIN ID		G3SD0118		CHANNEL OFF OXBOW		7.77		512	
Location		G3SD0118		CHANNEL OFF OXBOW		512		512	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine (mg/L)	
WIN		Temp (C)		pH		☐ % sat		Sp. Conductance (umho/cm)	
Latitude		Salinity (ppt)		Comments		☐ ft		Sample Depth	
Longitude		☐ dd		☐ dms		☒ m		0.3	
WIN ID		G3SD0119		CHANNEL OFF POINT		8.28		517	
Location		G3SD0119		CHANNEL OFF POINT		517		517	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine (mg/L)	
WIN		Temp (C)		pH		☐ % sat		Sp. Conductance (umho/cm)	
Latitude		Salinity (ppt)		Comments		☐ ft		Sample Depth	
Longitude		☐ dd		☐ dms		☒ m		0.3	

Relinquished By: JOHN BARRINGTON	Date/Time 3/14/19 1515	Shipping Method FOXX	Number of Coolers Shipped: 4	Received By: ABJ	Date/Time 3-15-19 / AS
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W-F sample containers not received.
APB 3-15-19

Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
ALKALINITY W-F				
Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
BOD-UNIN				
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
FCOLI-MF				
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab
W-DOC				
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS				
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F				
Group: B	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
BOD-UNIN				
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
FCOLI-MF				
Group: B	Bottle Type: P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab
W-DOC				
Group: B	Bottle Type: P-250ML	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
W-F				
Group: B	Bottle Type: P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab

Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab	8
	W-ICP					
	W-ICPMS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
	W-NH3			SA 8197096		
	W-NO2NO3			NA 8197050		
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	8
	W-PO4-F					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY					
	W-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	BOD-UNIN					
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	FCOLI-MF					
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	0
	W-DOC					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP					
	W-ICPMS					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F					

Date of Request: 02-JAN-2019
 Created By: BARRINGT_J On: 02-JAN-2019
 Modified By: JASROTIA_P On: 13-FEB-2019
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: CALOOSA LT

Send Coolers To:

Phone: 239-344-5720
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 13-FEB-2019
 Biology Request Reviewed By: JASROTIA_P On: 13-FEB-2019
 Sampling Kit Required: YES Ship on: 01-MAR-2019
 Sampling Kit Shipped: YES On: 28-FEB-2019
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 11-MAR-2019
 Received By: SHAIK_A On: 15-MAR-2019

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: WBID 3240A
 Group B: WBID 3240BC
 Group C: Blank

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 4	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: FILTER-H ₂ SO ₄ -ICE
W-DIC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H ₂ SO ₄

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 8 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 8	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-250ML	Number of Bottles: 8	Preserved With: ICE
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 8	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		

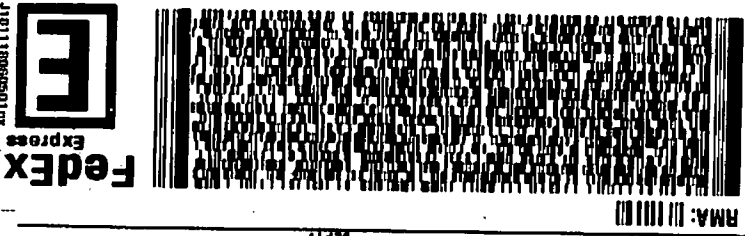
Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Chromium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

ORIGIN ID: TLHA (239) 344-5720
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10 JOHN WATTS
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2600 BLAIRSTONE RD
TALLAHASSEE FL 32399

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TALLAHASSEE FL 32399



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PRIORITY OVERNIGHT
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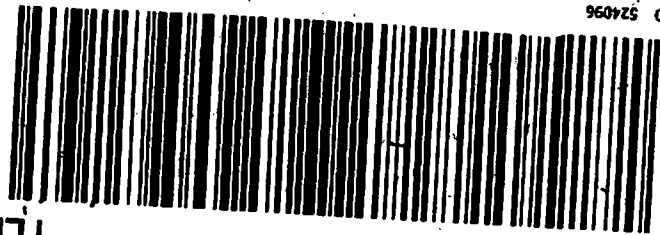
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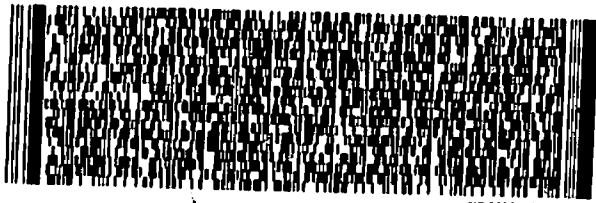
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SHIP DATE: 28FEB19
ACTWT: 15.00 LB MAN
CAD: 0446970/CAFE3211

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FDR SOUTH DISTRICT OFFICE
2255 VICTORIA AVE SUITE 364
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UNITED STATES US

CAD: 0468970/CAFE3211

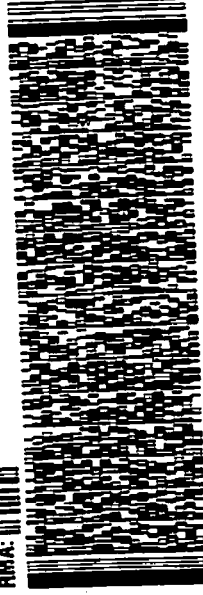
TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

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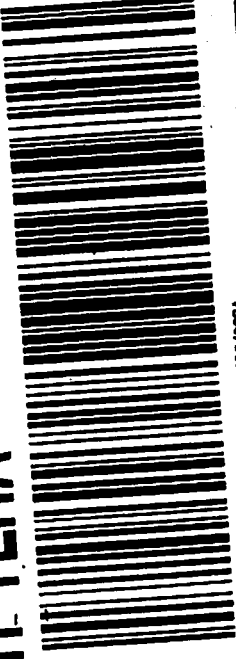
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FDR SOUTH DISTRICT OFFICE
2255 VICTORIA AVE SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

ACTHBT: 15.00 LB HAN
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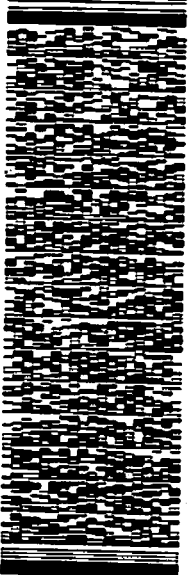
TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

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(850) 245-8077
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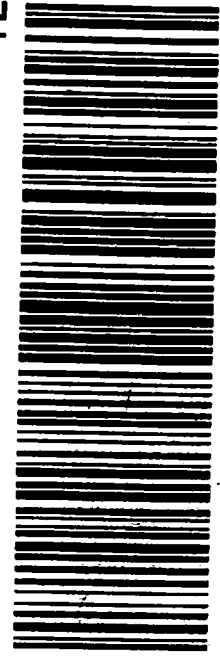
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